To: Flynn, Mike[Flynn.Mike@epa.gov]
From: Markus Levy, Conference Chair
Sent: Thur 6/1/2017 6:01:30 PM
Subject: [SPAM] IoT DevCon and Machine Learning DevCon 2017 Proceedings Available!

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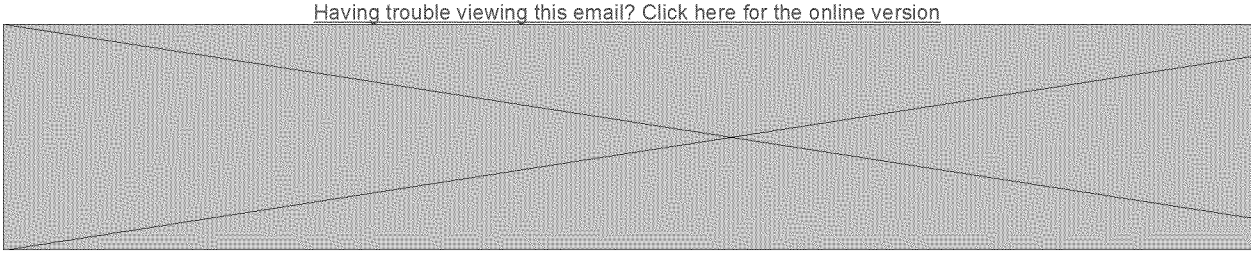

The ***2017 Internet of Things Developers Conference*** co-located with the new ***Machine Learning Developers Conference*** was a big success! More than 1,700 registered attendees were welcomed to attend over 65 valuable conference sessions, and connect face to face with exhibitors showcasing the latest products and cutting edge techniques.

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- ○ Living on the Edge
- ○ Application Development
- ○ Machine Learning Adventures

Visionary Keynotes and Strategic Talks

Shifting the IoT Mindset from Security to Trust
Bill Diotte, *CEO, Mocana*

NEW ~ AI and Deep Learning in the Enterprise
Sumit Gupta, *VP, HPC, AI, and Machine Learning, IBM*

Zero Touch Device Onboarding for IoT
Jennifer Gilburg, *Director of Strategy, Internet of Things Identity ~ Intel*

Perception, Deep Learning and Autonomous Driving
Don MacMillen, *VP Engineering, DeepScale*

Build Moving Experiences
Alexander Graebe, *Developer Relations Lead, Uber*

Secure Gateway and IoT Sensor Hub running OpenWRT
Patrick Heath, *Senior Marketing Manager, Microchip Technology*

When the Hardware Doesn't Do What Your Software Told It To
Roy Chestnut, *Director, Teledyne LeCroy*

COTS vs Custom - Optimizing IIoT Solutions for Longevity and Reliability
Jack Smith *Director of Technology and Engineering, WinSystems*

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Keynotes

Shifting the Mindset from Security to Trust - Mocana
Zero Touch Device Onboarding for IoT - Intel
Perception, Deep Learning and Autonomous Driving - DeepScale
AI and Deep Learning in the Enterprise - IBM

IoT Development Strategies

How to Save the Smart Home from Cyber Invasion - prpl Foundation
Why are 70% of IoT Projects Stuck in PoC Purgatory - Electric Imp
Bluetooth and Beyond - Plantronics
Build Moving Experiences - Uber

Deus ex Machina

Extracting Intelligence from IoT Data using Deep Neural Networks - Pluto AI
You Say You Want AI Revolution? - TIRIAS Research

IoT Connectivity

A Standards-Based Approach to Long-Range Wireless Connectivity for Sensor Nodes - Texas Instruments
MacBee - IP-based IoT Solution - GALAXYWIND
All Bluetooth-Enabled Devices are not Created Equal - EEMBC
Navigating the Non-Cellular Sea: Transitioning to LPWAN - Podsystem
Developing Beacons with Bluetooth Low Energy Technology - Silicon Labs
Fearless Monolithic Integration of Bluetooth IP - Synopsys
Multiprotocol Connectivity from Bluetooth Commissioning to Mesh Networking - Silicon Labs
LoRa Technology and Real World Applications - Microchip

Securing IoT Devices and Applications

IoT Security Means Protecting Code and Securing Communications - Rowebots
How to Secure your IoT Product - INSIDE Secure
How to Securely Connect to the Cloud - STMicroelectronics
A Hands-on Intro to Industrial IoT Security - Infineon
The Internet of Industrial Devices, are we there yet? - Mentor Graphics
Secure Gateway and IoT Sensor Hub running OpenWRT - Microchip
Performance and Energy Benchmark for IoT Security Implementations - Synopsys

Living on the Edge

Verifying and Optimizing Software for Power on IoT SoCs - Mentor Graphics
Designing for Ultra Low Power: Mechanisms for Reducing Energy Consumption - Altran
Custom SoC Design for IoT - asicNorth
Advantages of MIPI Interfaces in IoT Applications - Synopsys
Why Existing Memory Device Architectures Aren't Good Enough for IoT Designs - Adesto Technologies

Application Development

IoTs Affect on Current Product Life-Cycle Development - Are We Ready? - JB Systems
Boosting Your IoT Application in All Dimensions - IAR Systems
COTS vs Custom - Optimizing IIoT Solutions for Longevity and Reliability - Win Systems
When the Hardware Doesn't Do What Your Software Told It To - Teledyne-LeCroy
Exploring IoT Connectivity - Conquering the Beast - PolyCore Software
Data Modeling for the Industrial Internet of Things - ThingWorx
Sensor-2-Server: Execute Locally, Communicate Globally - FreeWave Technologies
Voice UX: Designing IoT products for Zero UI - Flex
Insider Stories of Successful IoT Projects - The Qt Company

Machine Learning Adventures

How to Identify the Value in the Data and why Right Quality is Crucial - sepp.med
Creating Smart Cars with Machine Learning - ThingWorx

Image Front End Real-Time Data Analytics - TOPS Systems
Solving the Challenges of Implementing Deep Learning Efficiently - Xilinx
Overcoming the Memory System Challenge in Dataflow Processing - Sonics
How GPU Server Architectures Deliver Best Performance for Deep Learning Training Workloads - Supermicro
Bringing GPU Accelerated Deep Learning to Edge Devices in Easy Way - Toradex
Machine Learning Applications in the Embedded Space - aicas
Low Power Solutions for On-Device AI: Always On, Always Learning - Lattice Semiconductor
Machine Learning on IoT Edge Nodes for Energy Efficient Data Processing - ARM
Energy Forecasting using ML Techniques on Smart Meters - Flex
Challenges of Industrial Data Science - GE Digital

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